

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-15 09:25:55

Date of Next Testing: 2030-06-14 09:25:55

Product Name: **1,1'-Difluoro-2,2'-bipyridinium Bis(tetrafluoroborate)**

CAS Number: 178439-26-4

Specifications & Purity:  $\geq 95\%$

Lot #: E2628167

SKU #: **D155586**

Version: **1**

Analysis #: **225090**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                    | Limit Values                            | Result                                  |
|------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(Iodometric Titration) | 94.5-105.5 (%)                          | 97.10000 %                              |
| Appearance(D155586)          | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| Proton NMR spectrum          | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager